

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 30 (7/25/2021- 7/31/2021)

COCONINO COUNTY
August 6, 2021



Situation Summary

MMWR Week 30 (7/25/2021-7/31/2021)

A total of 18,565 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – July 31, 2021.

Deaths: 319 (2% of cases)

Probable Deaths: 5

Recovered Cases: 17,668

(95% of cases)

Hospitalizations: 1,380

(7% of cases)

Total Fully Vaccinated: 66,102 (52.4% of the eligible population)

Cases Reported Week 29 (July 25, 2021 - July 31, 2021):

**232
Positive
Cases**

**78%
Not Fully
Vaccinated**

**164.0
Rate per
100,000**

**15.4%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate of 164.0 per 100,000**, **percent positivity of 15.4%***, and **COVID-19-Like-Illness incidence (CLI) of 2.8%****.
- Coconino County is currently at a **High***** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**Percent positivity was calculated using only ELR data.*

***CLI is reported using hospital surveillance at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.*

**** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.*

Cumulative Counts (March 15, 2020 – July 31, 2021):

18,565
Positive
Cases

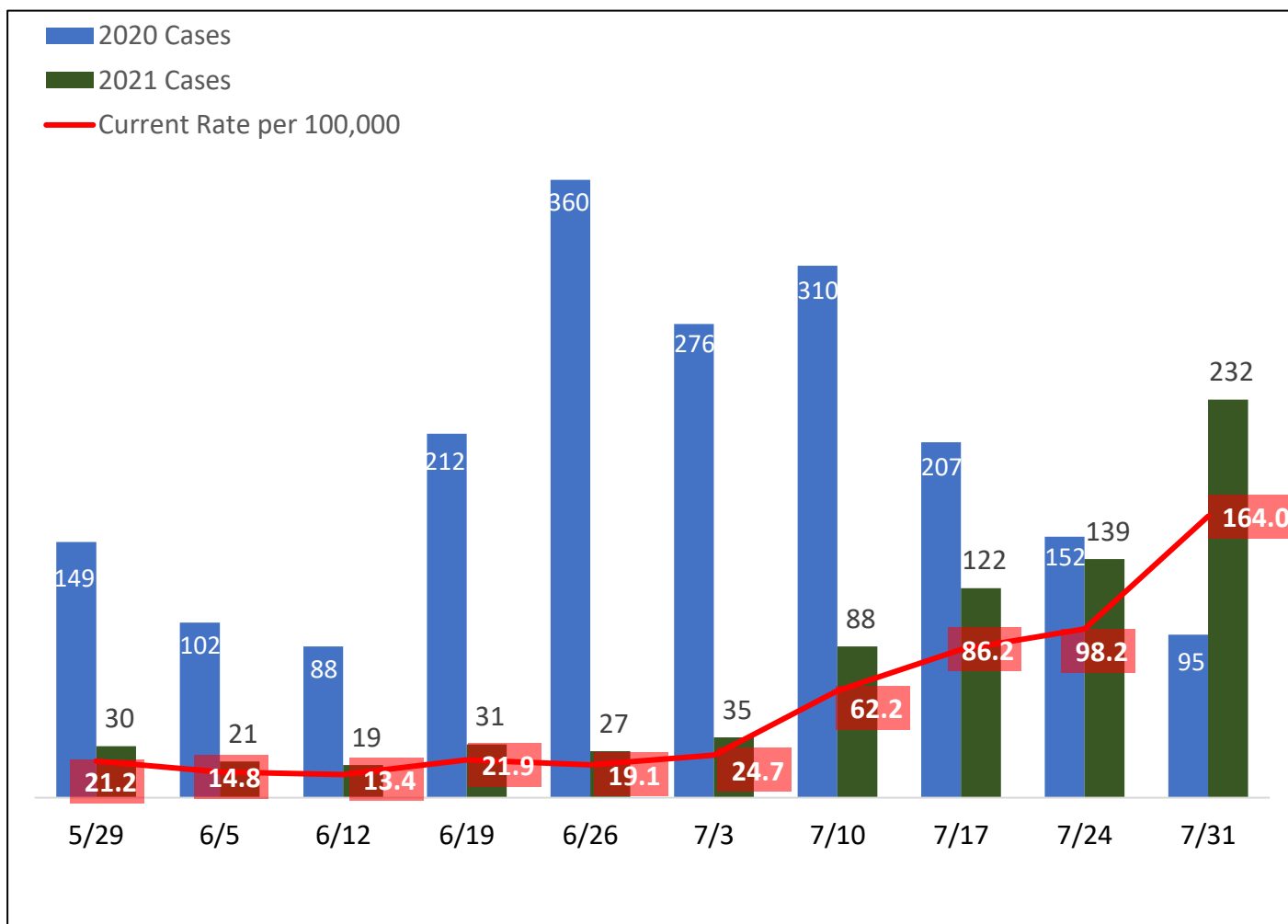
271,042
Total
Tests

94,936
People
Tested

11.1%
Positivity
Yield

13,121.2 cases per 100,000 Coconino County Residents
vs.
13,046.8 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:

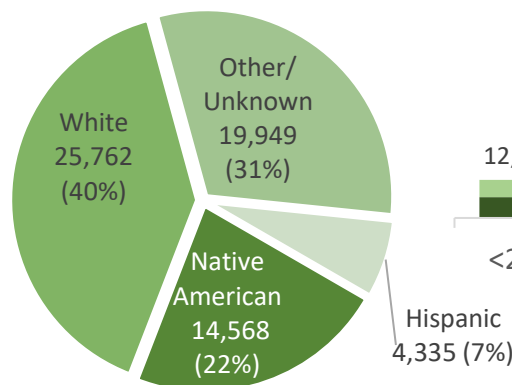


COVID-19 Situation Summary*

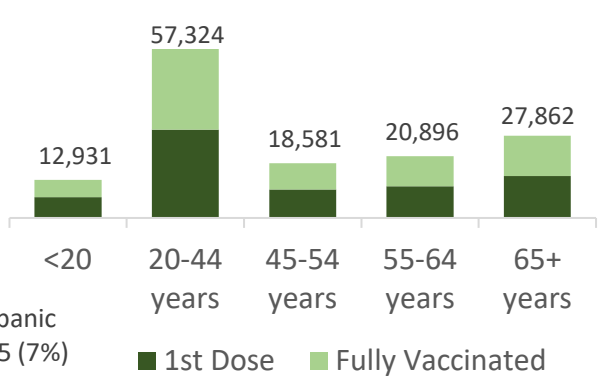
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

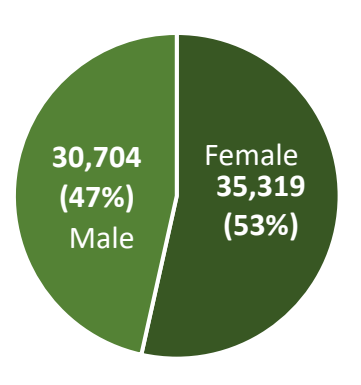
Fully Vaccinated by Race**



Vaccinations by Age

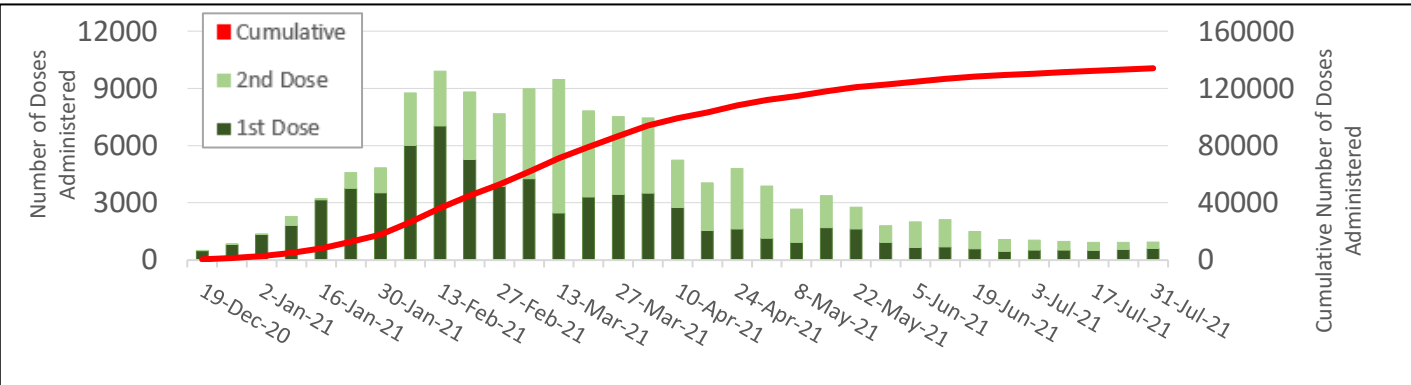


Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations:
Asian or Pacific Islander (1,021), and Black or African American (467).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000†
Flagstaff	46,456	42,964	50,169
86001/86005	26,479	24,459	55,125
86004	19,112	17,696	56,185
86011	865	809	8,279

†Population estimates include residents aged 10 and older.

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000†
Page	5,083	4,830	70,852
Tribal Communities	13,626	12,454	59,941
Williams	2,292	2,106	42,028
Grand Canyon	1,596	1,477	68,065
Other Areas	2,439	2,271	40,337

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

COVID-19 Situation Summary*

Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	11,099	11,626	9.0%	42,964	50.2%
Page	1,269	16,850	17.2%	4,830	70.9%
Tribal Communities	4,745	19,274	15.8%	12,454	59.9%
Williams	634	11,133	14.5%	2,106	42.0%
Grand Canyon	219	8,629	14.0%	1,477	68.1%
Other Areas	599	10,615	12.4%	2,271	40.3%

[†]Population estimates include residents aged 10 and older.

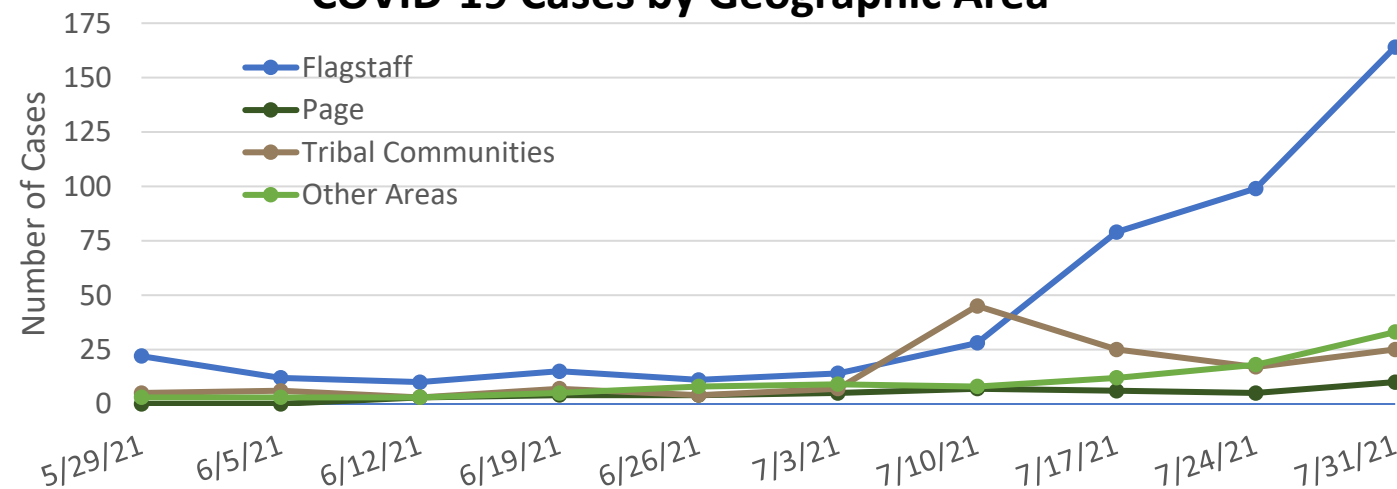
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- **Page and Flagstaff** experienced the largest **increase in cases** from the previous week with a **100% and 66% increase**, respectively.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 3/15/20-7/31/21

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	3,854	9,444	12.0%	5,914	23.1%
20-44 years	9,213	17,650	11.2%	27,381	52.5%
45-54 years	2,122	14,446	12.2%	8,994	61.2%
55-64 years	1,829	11,022	10.4%	10,168	61.3%
65+ years	1,547	9,109	8.9%	13,645	80.3%

[‡]Population estimates include residents aged 10 and older.

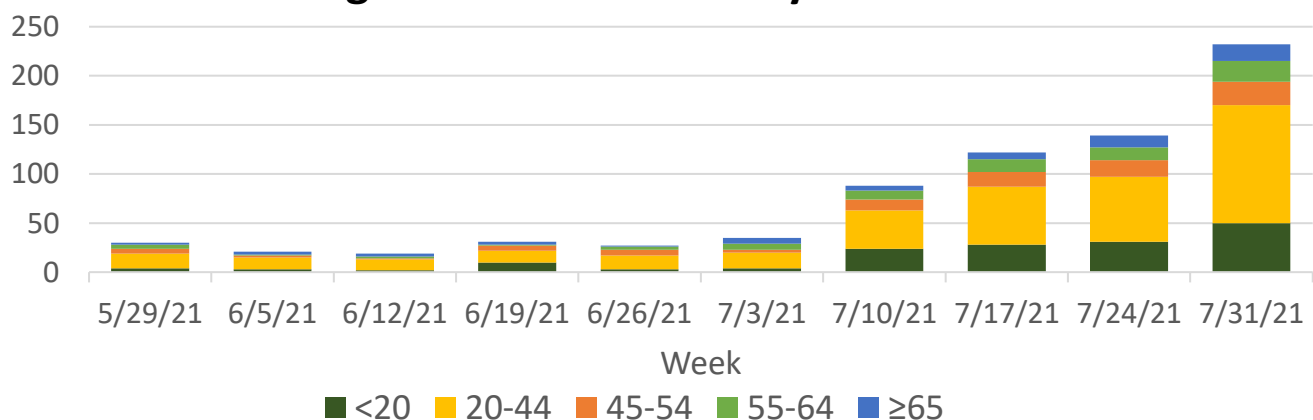
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

The median age of Coconino County COVID-19 cases is 30 years old

Key Take Away

- The highest **case incidence** for week 30 was observed among residents aged 20-44 with an incidence of 230 per 100,000.
- The highest **positivity yield** for week 30 was observed among residents aged 20-44 and <20 with a positivity yield of 18.8% and 17.5%, respectively.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	7,090	19,481	14,568	44.0%
White	6,270	8,211	25,762	34.5%
Hispanic	2,936	14,731	4,335	24.4%
Black or African American	250	15,863	467	21.8%
Asian/ Pacific Island	205	7,135	1,021	33.2%
Other/ Unknown	1,814	N/A	19,949	N/A

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	9,443	13,210	10.2%	35,319	55.1%
Male	9,086	13,019	12.1%	30,704	49.5%

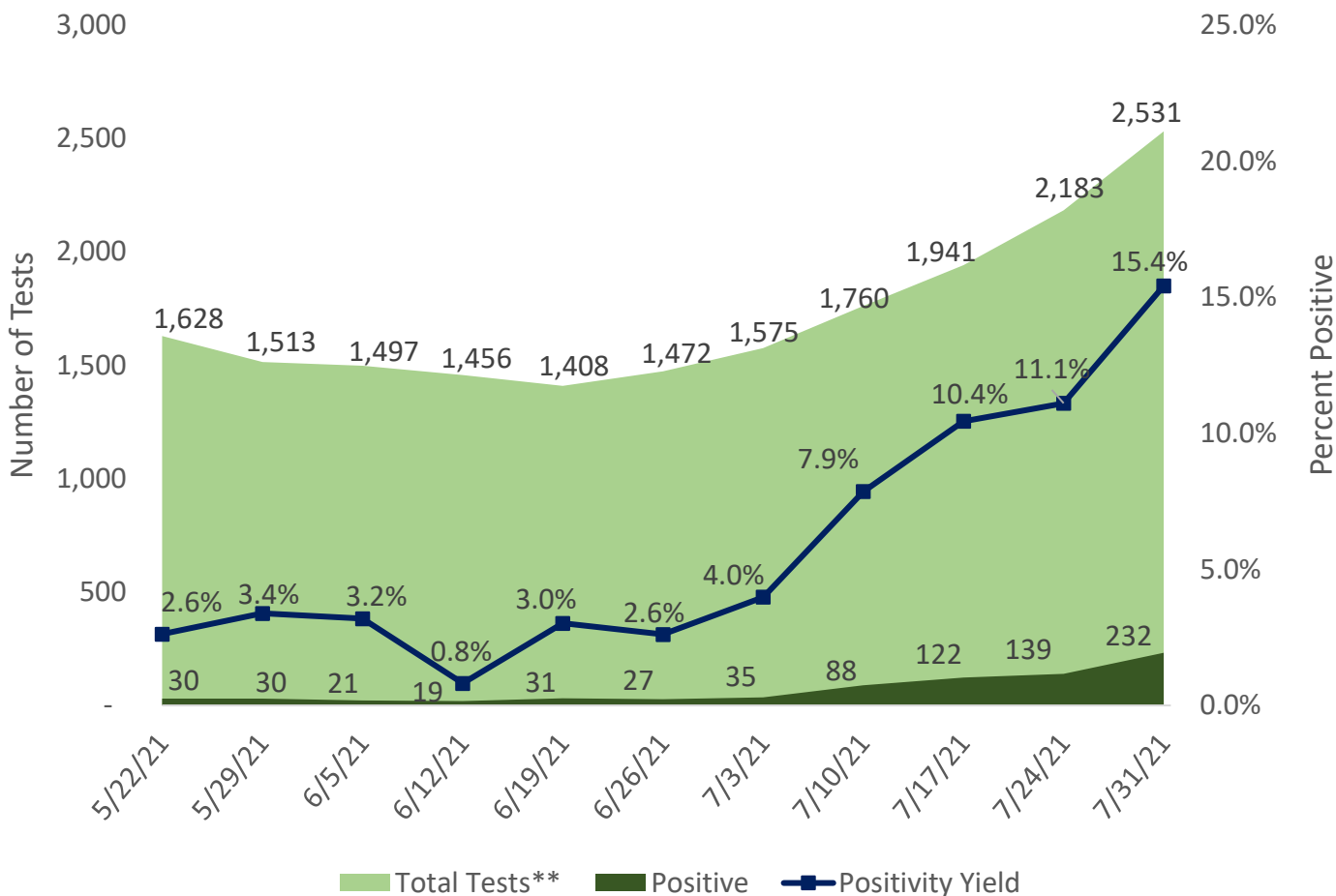
[‡] Population Estimates include residents aged 10 and older



Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 12% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 94,936 Coconino County residents have been tested.

Tests Conducted: A total of 271,042 have been conducted among Coconino County residents.

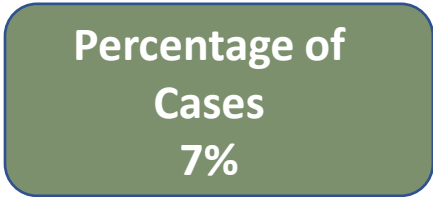
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 7,991**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

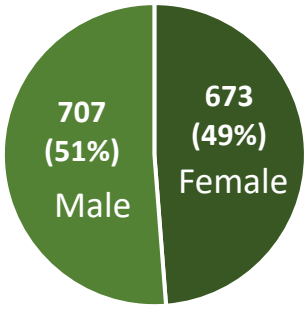
- **Currently being monitored: 150 (As of 7/31/2021)**
- **Total individuals monitored to date: 7,507**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

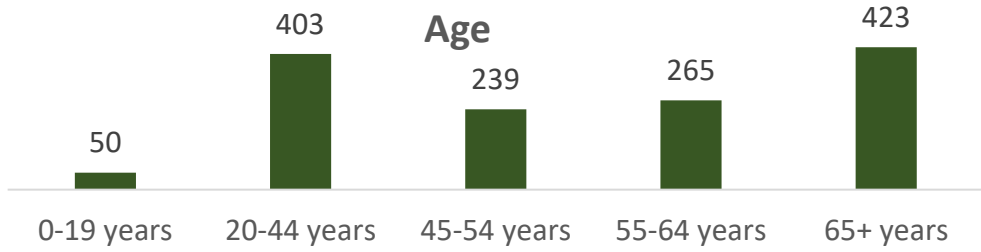


Sex



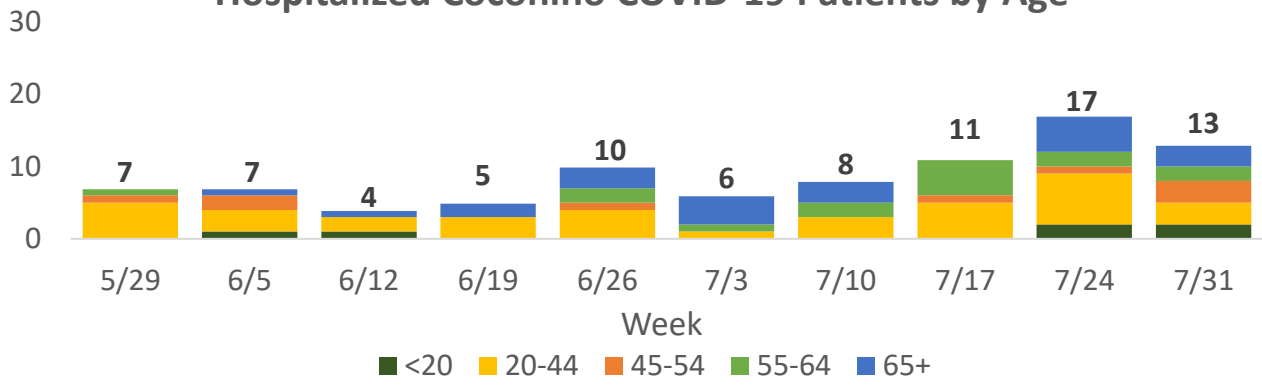
16% of hospitalized residents were in the ICU and 7% were intubated.

Hospitalized Coconino COVID-19 Patients by Age

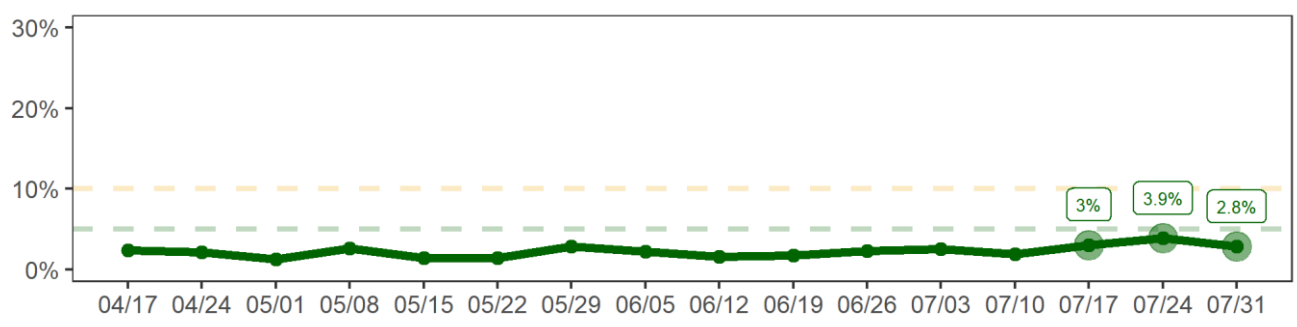


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-7/31/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

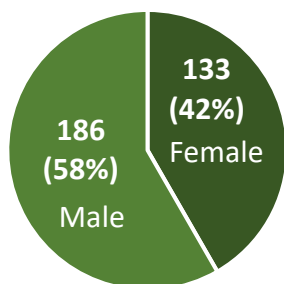
COVID-19 Related Deaths:

Percentage of
Cases
2%

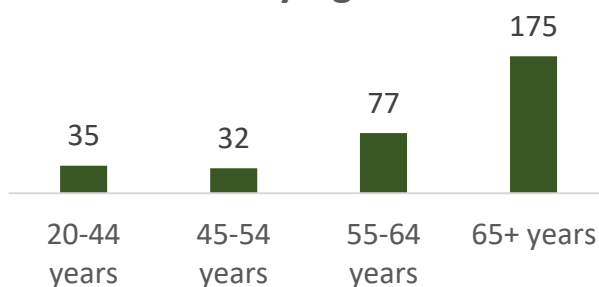
Deaths
319

Fatalities
Per 100,000
225.5

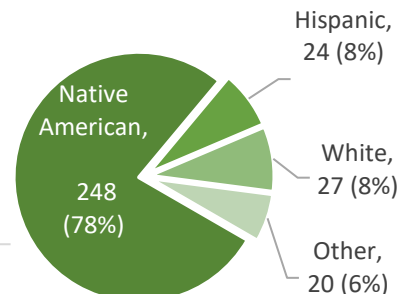
Sex



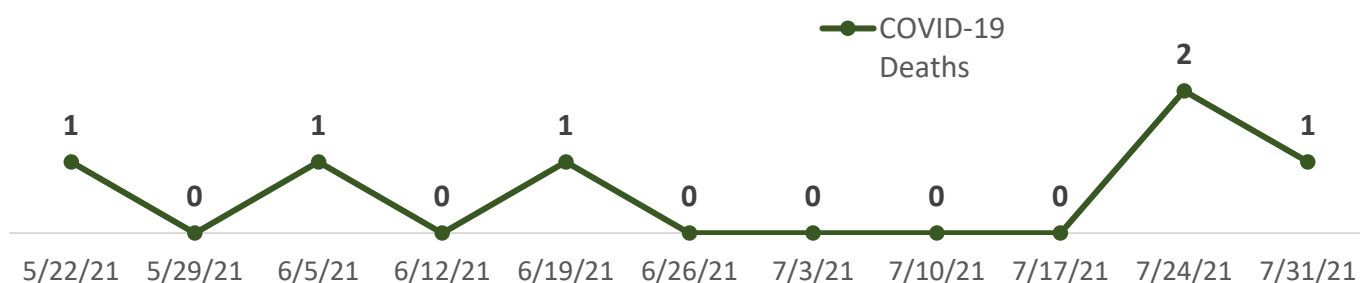
Coconino COVID-19 Deaths by Age



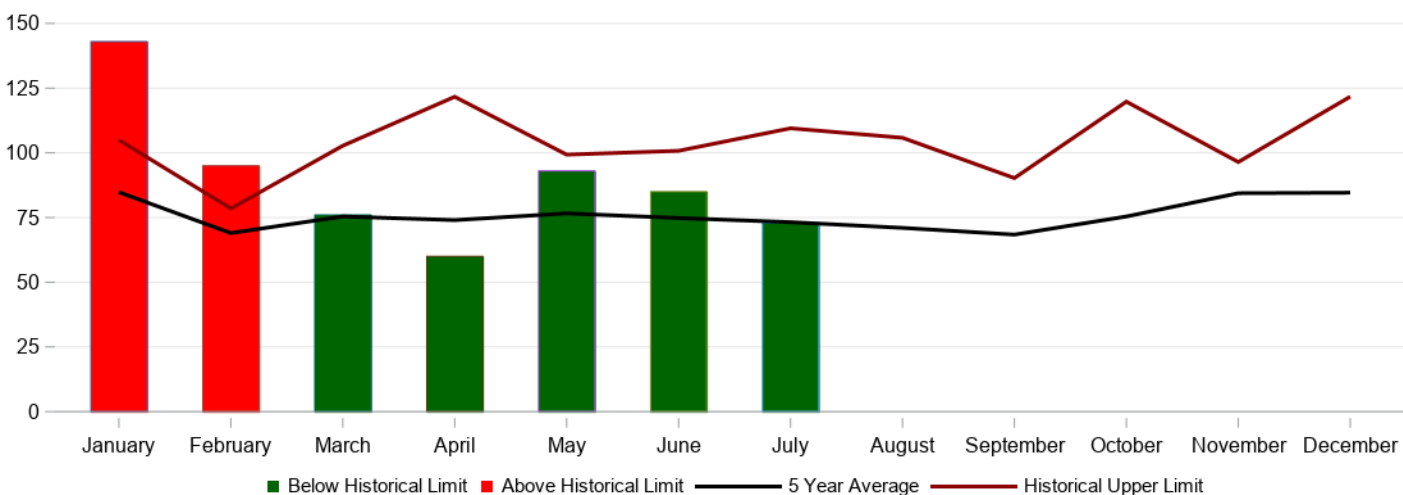
Race



Weekly COVID-19 Deaths Among Coconino County Residents:

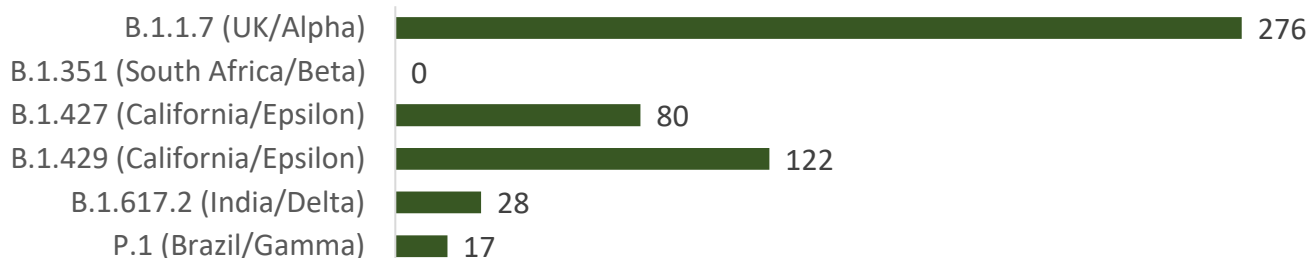


2021 All Deaths Aberration



COVID-19 Variants:

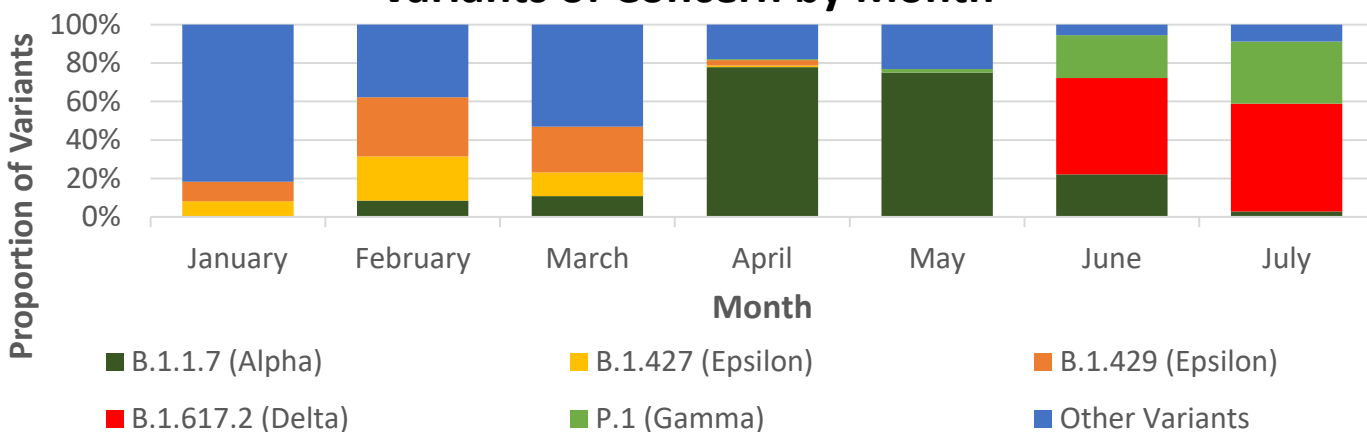
Coconino County Total Variants of Concern**



**A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.

89% of identified variants of concern are among Flagstaff residents.

Variants of Concern by Month



1,400 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions)

For more information regarding variant testing in Arizona, please visit the TGen website:

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/az-covid-19-sequencing-dashboard)

Vaccine Breakthrough***:

Total Vaccine Breakthrough Cases: 211

(1.1% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 13

(6% of vaccine breakthrough cases)

***Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.

*Cases reported from 3/15/20-7/31/21